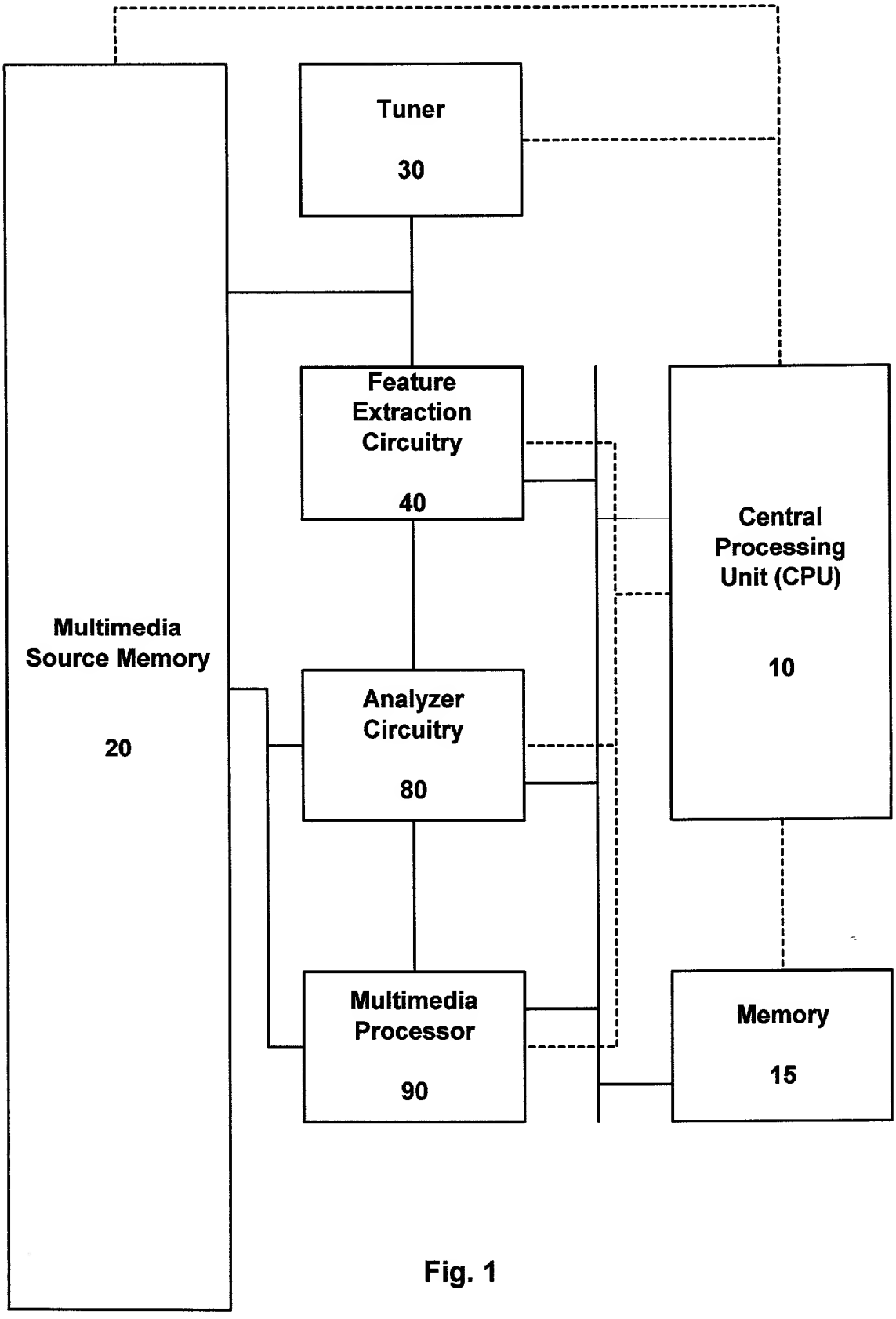
Tuner
30
Feature Extraction Circuitry
40
Central Processing Unit (CPU)
10
Multimedia Source Memory
20
Analyzer Circuitry
80
Multimedia Processor
90
Memory
15

Fig. 1

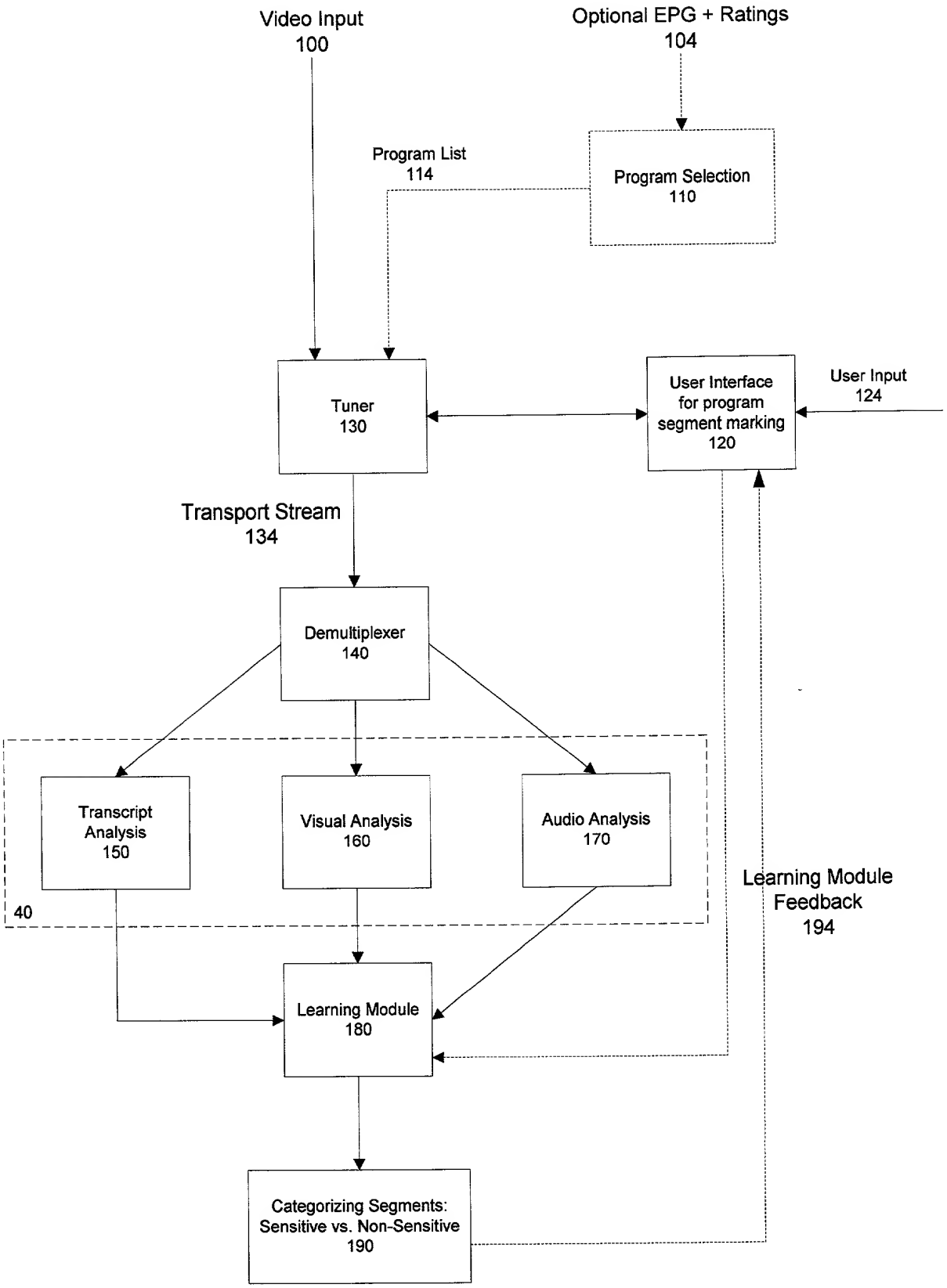
Video Input
100
Optional EPG + Ratings
104
Program List
114
Program Selection
110
Tuner
130
User Interface
for program
segment marking
120
User Input
124
Transport Stream
134
Demultiplexer
140
Transcript
Analysis
150
Visual Analysis
160
Audio Analysis
170
40
Learning Module
180
Learning Module
Feedback
194
Categorizing Segments:
Sensitive vs. Non-Sensitive
190

Fig. 2

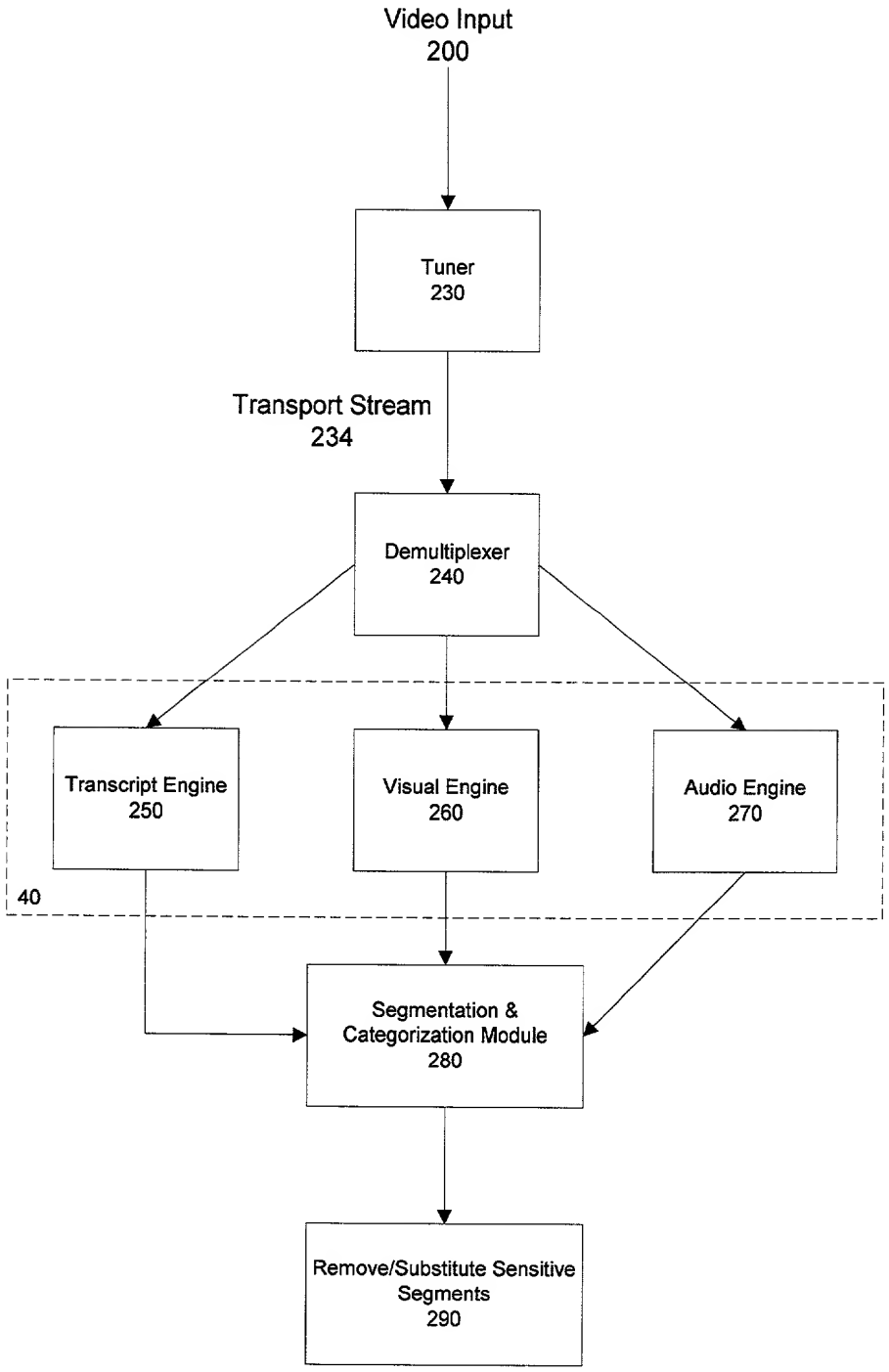
Video Input
200
Tuner
230
Transport Stream
234
Demultiplexer
240
Transcript Engine
250
Visual Engine
260
Audio Engine
270
40
Segmentation &
Categorization Module
280
Remove/Substitute Sensitive
Segments
290

Fig. 3